

**Draft Procedures for Response to a Pesticide Detection  
December 16, 2003  
Idaho State Department of Agriculture**

**XXXX. Response to a Pesticide Detection.**

**01. Level One Response.** When a pesticide detection is at or above the detection limit yet below 20% of the Reference Point, the department shall:

- a. Notify well owner and general public of detection.
- b. Educate pesticide applicators within area.
- c. Evaluate use practices, soils, geology, and vulnerability within vicinity of site.
- d. Evaluate State records for previous point source or potential FIFRA violation concerns.
- e. Evaluate existing monitoring data within area to check for previous detections.
- f. Conduct timely outreach in local area applicable to relevant data and information.
- g. Encourage voluntary best management practices consistent with the Idaho Pollution Abatement Plan (APAP).

**02. Level Two Response.** When a pesticide detection is at 20% to less than 50% of the Reference Point, the department shall:

- a. Implement actions 01. a. – g.
- b. Develop a chemical specific management plan per pesticide, unless already mandated through EPA Rule to do so.
- c. Monitor additional wells in the hydrogeological up gradient and down gradient area.
- d. Consider additional monitoring over time.
- e. Notify and work with the pesticide registrant(s), dealer(s), applicator(s) and producer(s) to determine source(s).
- f. Conduct pesticide use inspections within the area of detection(s).
- g. Evaluate BMPs, change BMPs if needed, determine BMP effectiveness.

**03. Level Three Response.** When a pesticide detection is at 50% to less than 100% of the Reference Point, the department shall:

- a.** Implement actions 01. a – g., and 02. a – g.
- b.** Install monitoring wells.
- c.** Determine effectiveness of BMPs.
- d.** Monitor quarterly for determination of seasonal trends and fluctuations in concentrations.
- e.** Assist home owner with health information and alternatives for attaining a safe water source.
- f.** Obtain pesticide registrant assistance for financial and technical assistance.
- g.** Require field level record keeping and reporting.
- h.** Establish a restricted area which would require BMPs.

**04. Level Four Response.** When a pesticide detection is at or above 100% of the Reference Point, the department shall:

- a.** Implement 01. a. - g., 02. a.- g., and 03. a. – h.
- b.** Establish Use Prohibition Area(s).
- c.** Implement Use Prohibition Area(s).
- d.** Assist homeowner(s) with health information and alternatives for attaining a safe water source.
- e.** Determine effectiveness of regulatory actions.